

1. Record Nr.	UNINA9910886991103321
Autore	Hsu Chang Samuel
Titolo	Petroleum Science and Technology : Downstream // by Chang Samuel Hsu, Paul R. Robinson
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-46645-4
Edizione	[2nd ed. 2024.]
Descrizione fisica	1 online resource (397 pages)
Collana	Chemistry and Materials Science Series
Altri autori (Persone)	RobinsonPaul R
Disciplina	660
Soggetti	Chemistry, Technical Chemistry, Physical and theoretical Chemical engineering Production engineering Chemicals - Safety measures Industrial Chemistry Physical Chemistry Chemical Engineering Chemical Process Engineering Process Engineering Chemical Safety
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Crude Blending Desalting Distillation and Hydrotreating -- Gasoline Production Cracking -- Coking and Visbreaking -- Lubricant Processes and Synthetic Lubricants -- Other Refining Processes -- Petroleum Fuel Products -- Petrochemicals -- Midstream -- Safety and the Environment.
Sommario/riassunto	Aimed at students and professionals, this book provides an overview of the science and technology of the downstream sector of the oil and gas industry. Topics include the refining of crude oil and other feedstocks – including renewables – into fuels and lubricants. They also describe the conversion of simple chemicals into solvents, polymers, fibers, rubbers, coatings, and myriad other products, including pharmaceuticals. In addition to drawing on the authors' previous books, it includes

teaching material from several courses. These include workshops provided for top refining companies and a highly rated course taught at the Florida A&M University/Florida State University (USA).
